

a
ab
ad
b
bae

bba
bbc
bbcc
bc
bca

bcc
bccb
c
ca
caab

caad
caaf
cab
cad
cc

ce

FIG. 1
LIST OF PREFIXES

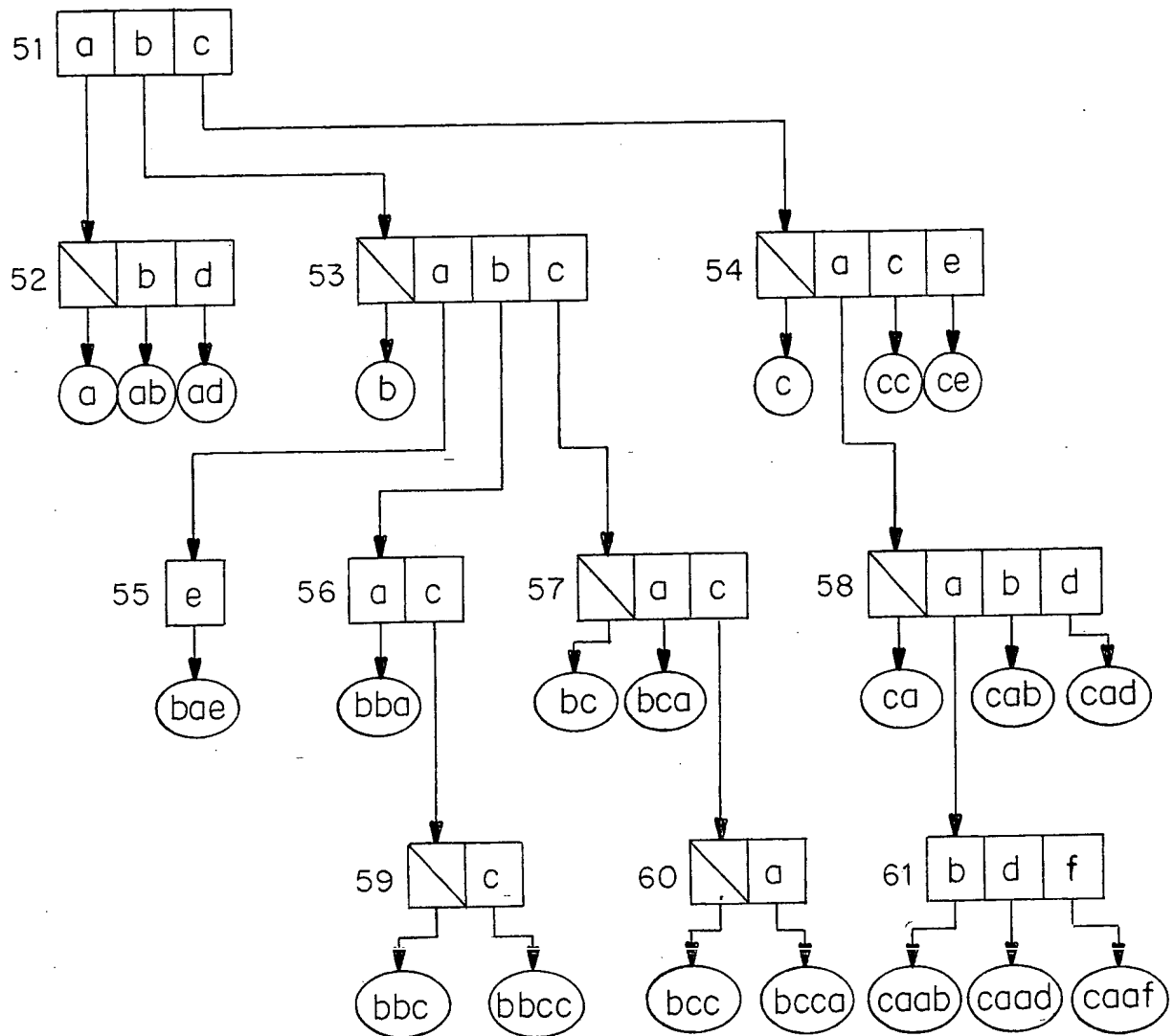


FIG. 2
(Prior Art)
TRIE STRUCTURE

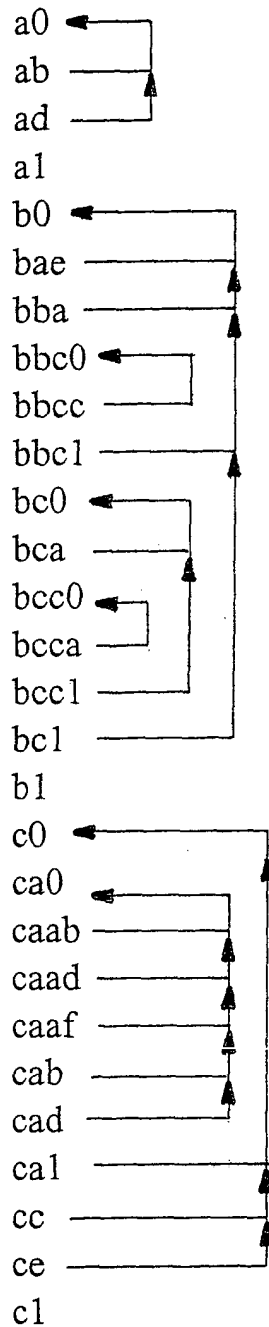


FIG. 3

(Prior Art)

LIST OF PREFIXES

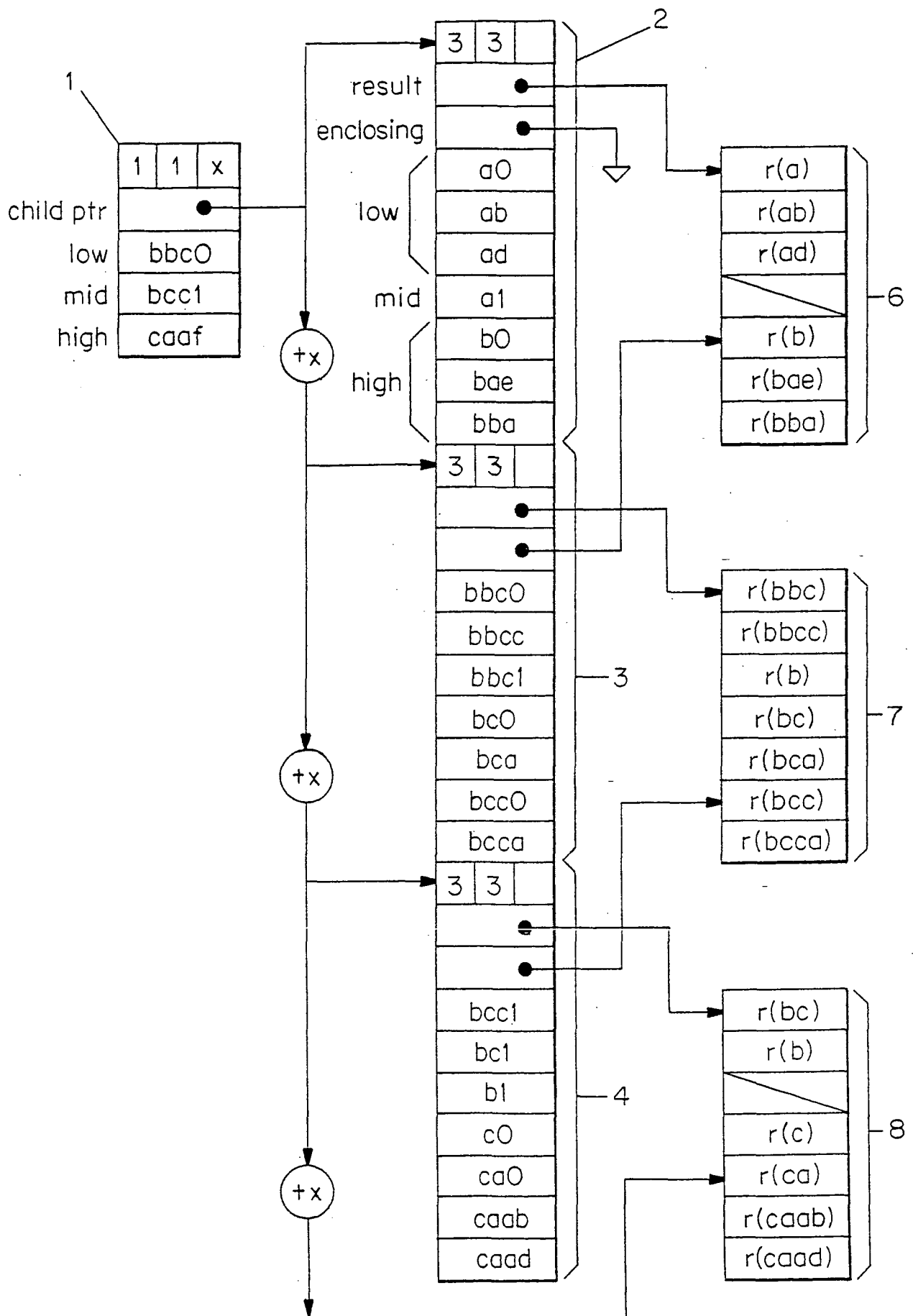


FIG. 4A

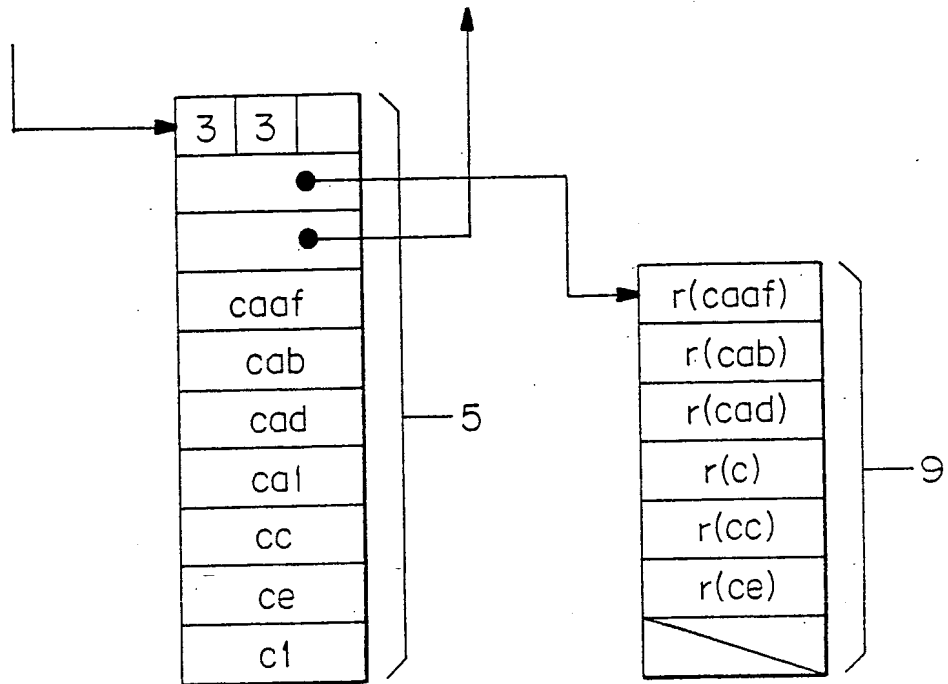
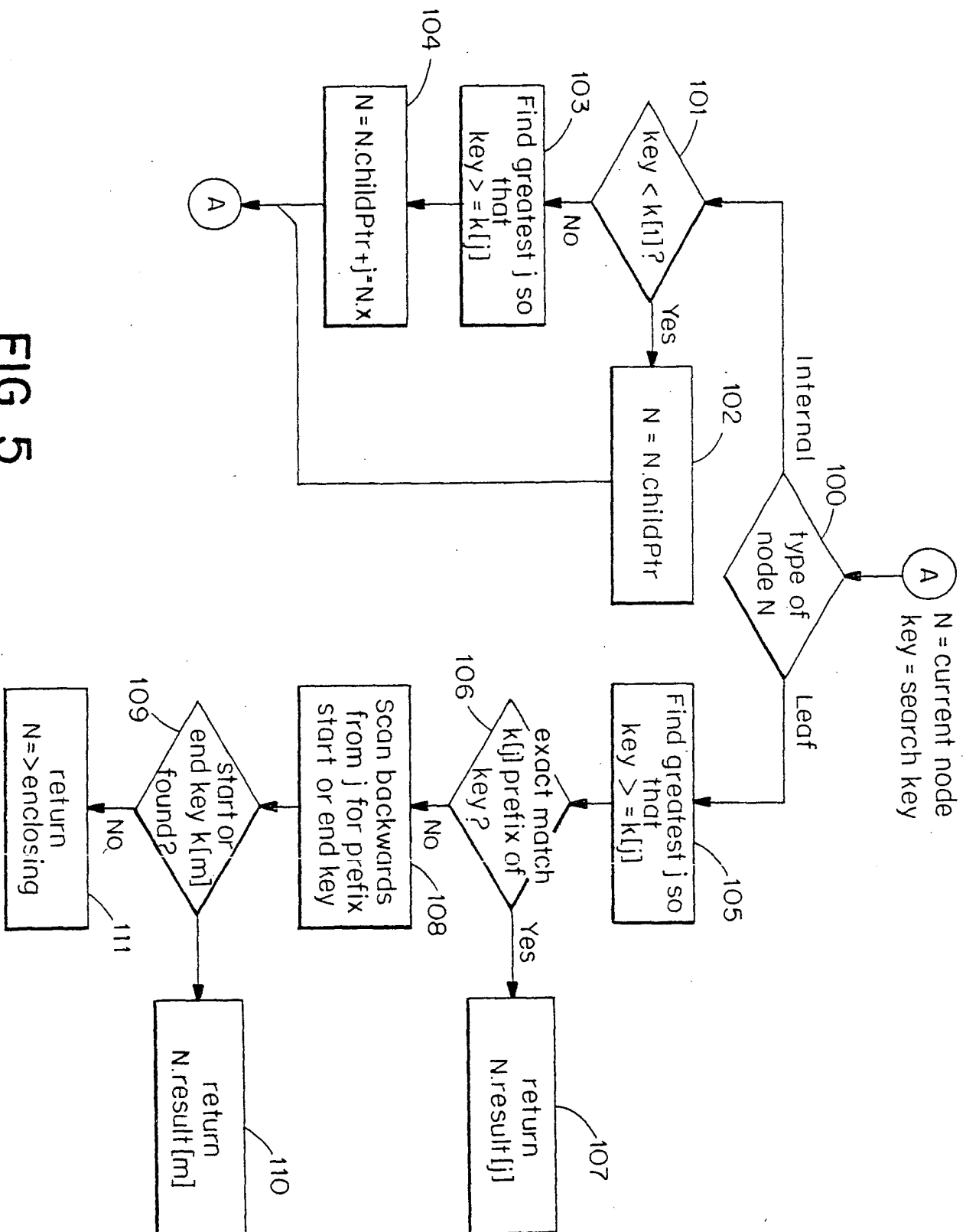


FIG. 4B



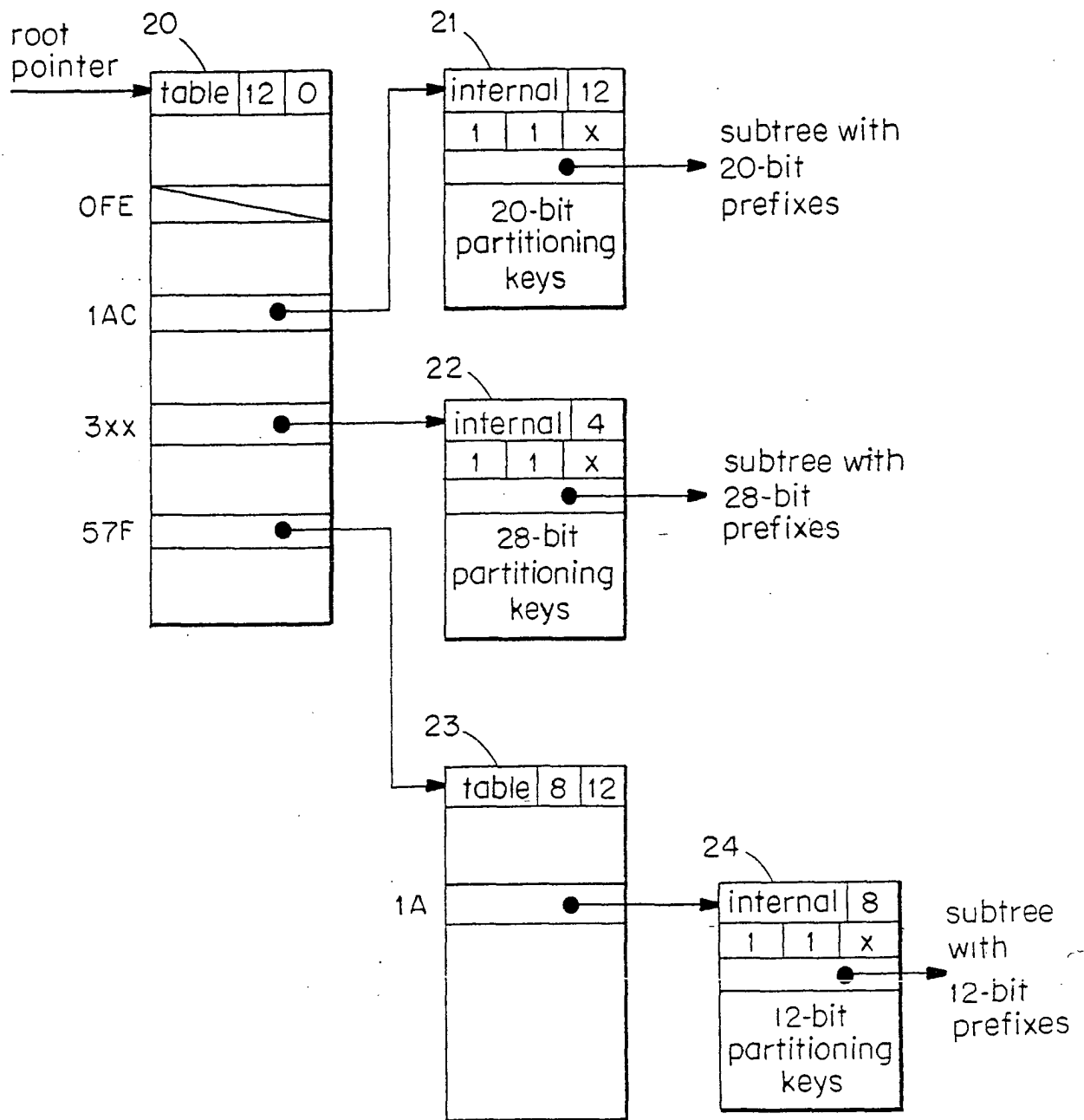


FIG. 6

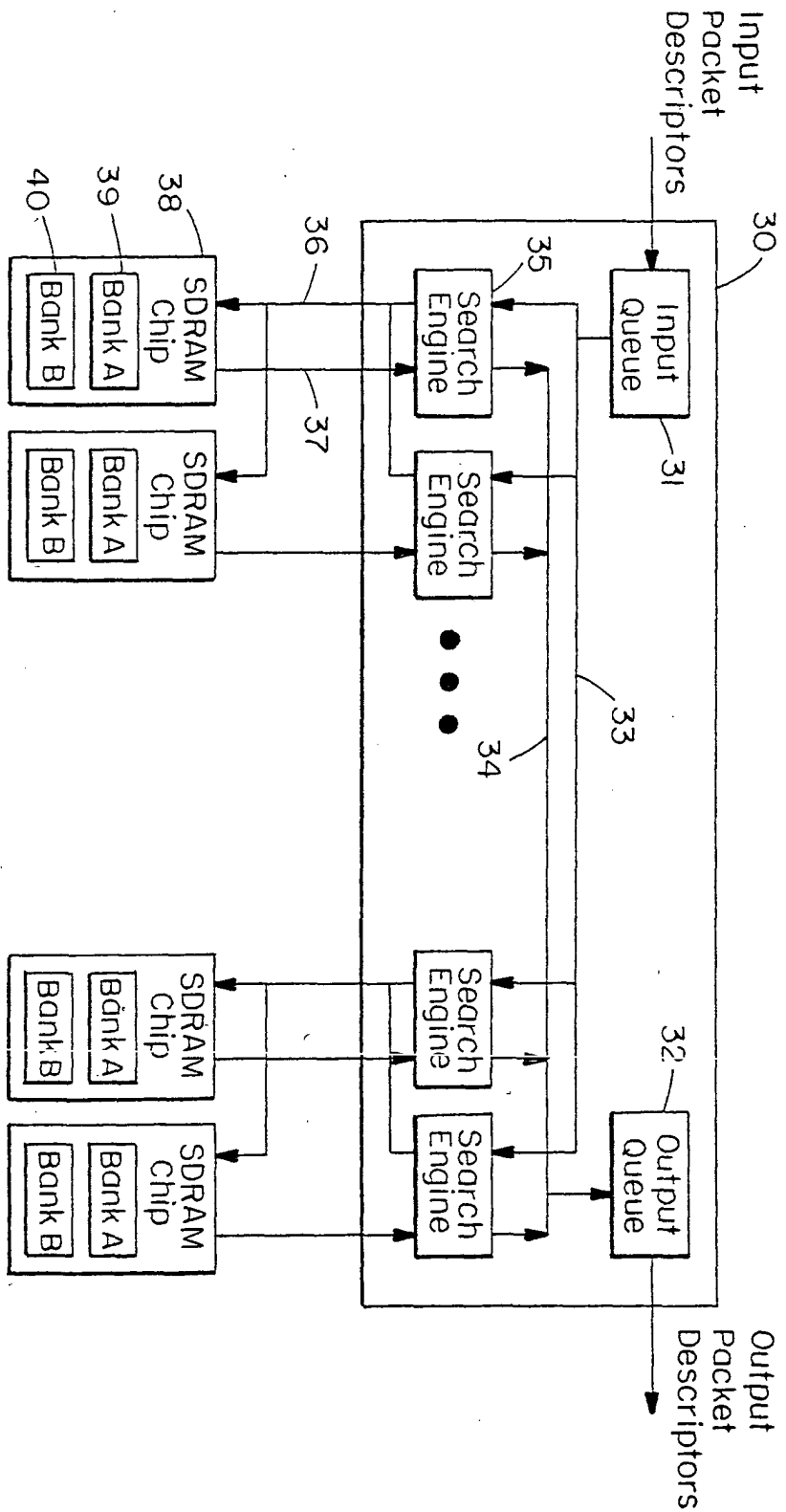


FIG. 7

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
Addr/Cont	RA				CA												PA				RA				CA								
Data									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9												D0	D1	D2	D3

FIG. 8

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Addr/Cont	RA				CA						RB			CB		PA					RA				CA		PB					
Data									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3

FIG. 9

Cycle	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Addr/Cont	RA	RD			CA	CD					RB	RD			CA	CB	PA	PD			RA	RD			CA	CA	PB	PD				
Data SE1									D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3
Data SE2										D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D0	D1	D2

FIG. 10

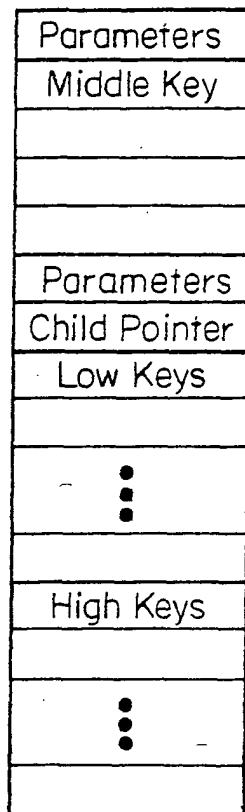


FIG. 11

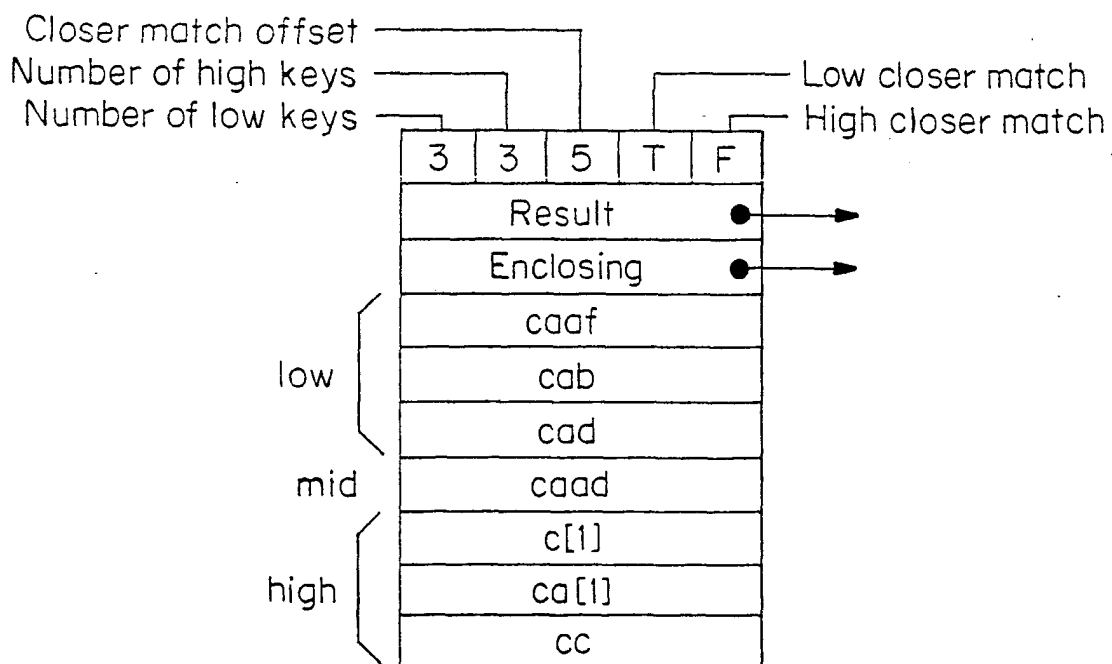


FIG. 12

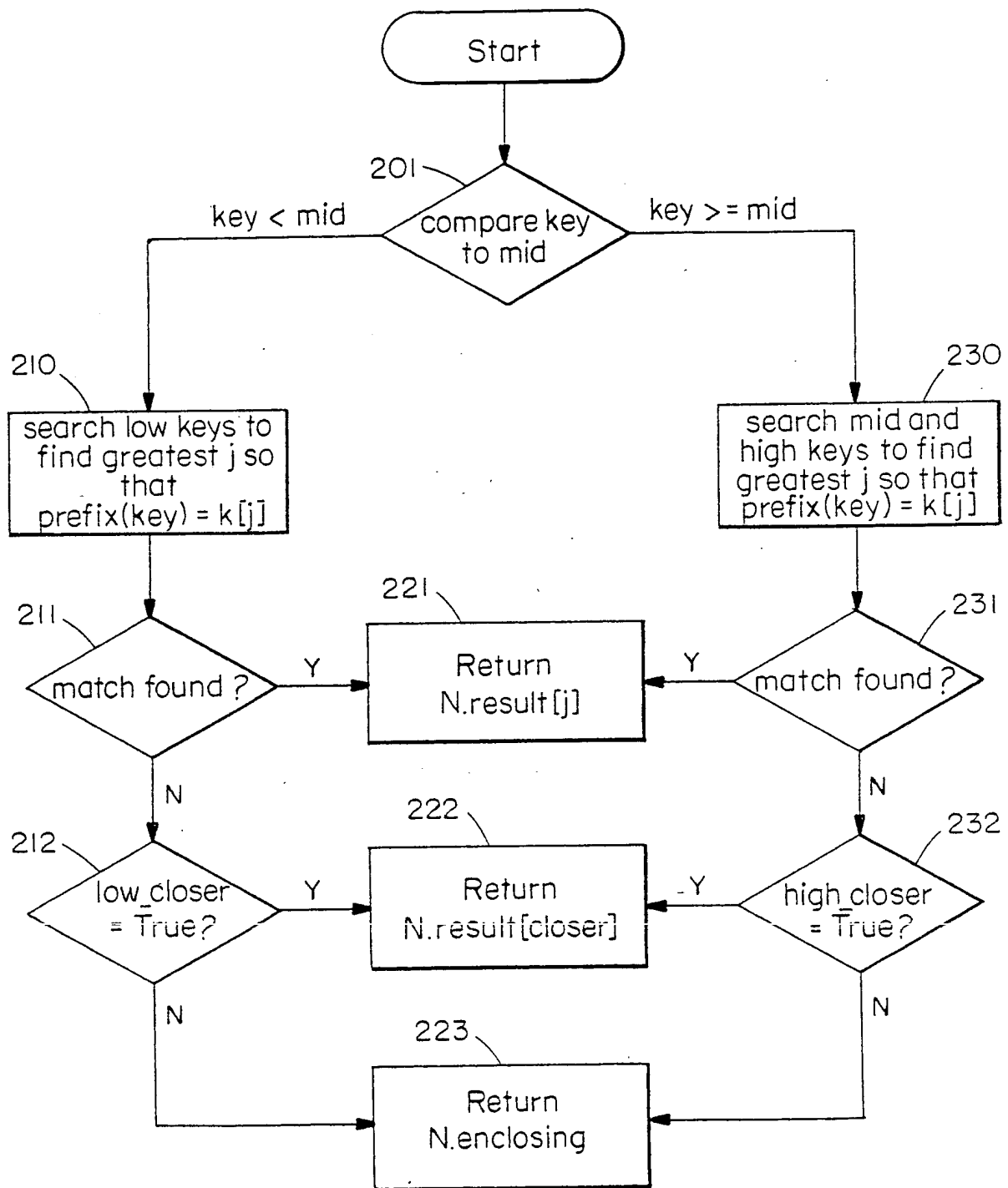


FIG. 13

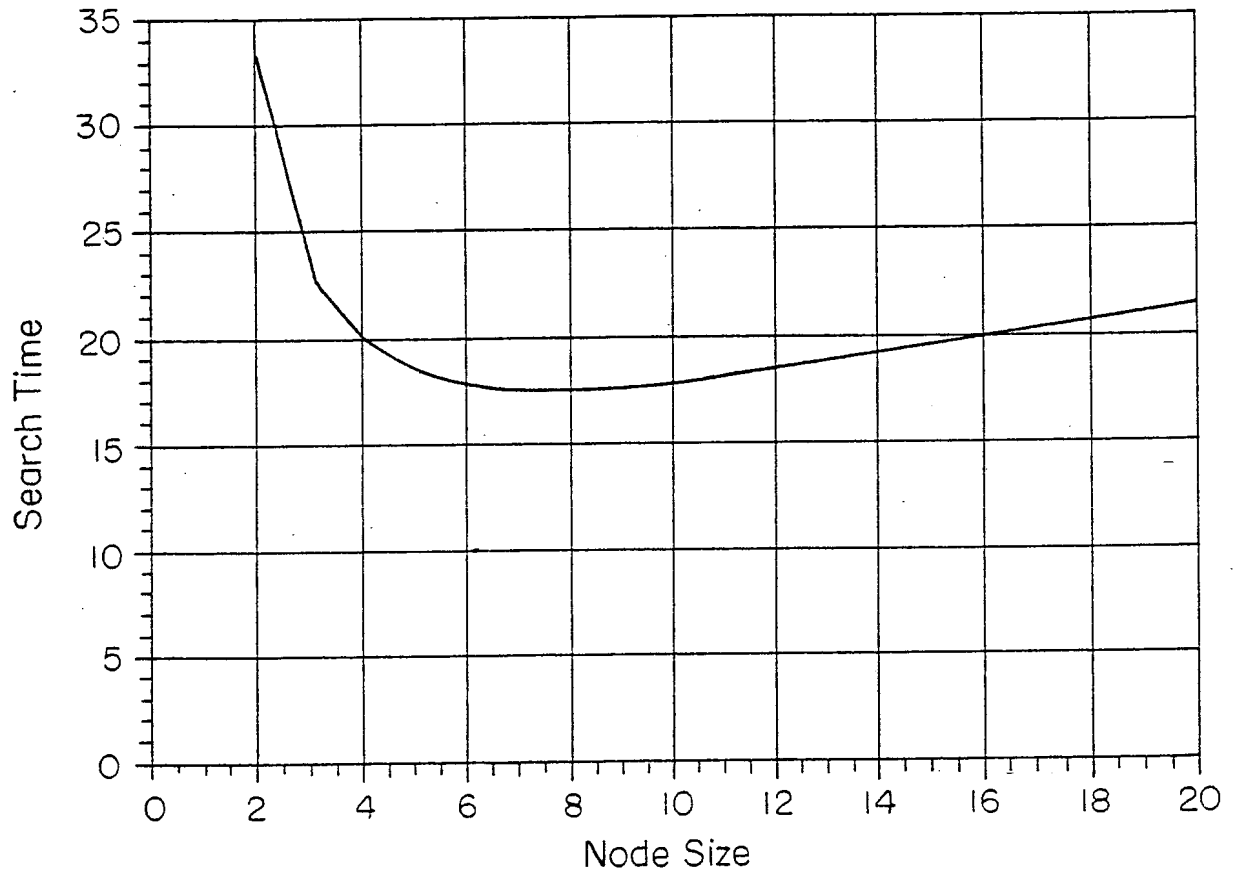


FIG. 14

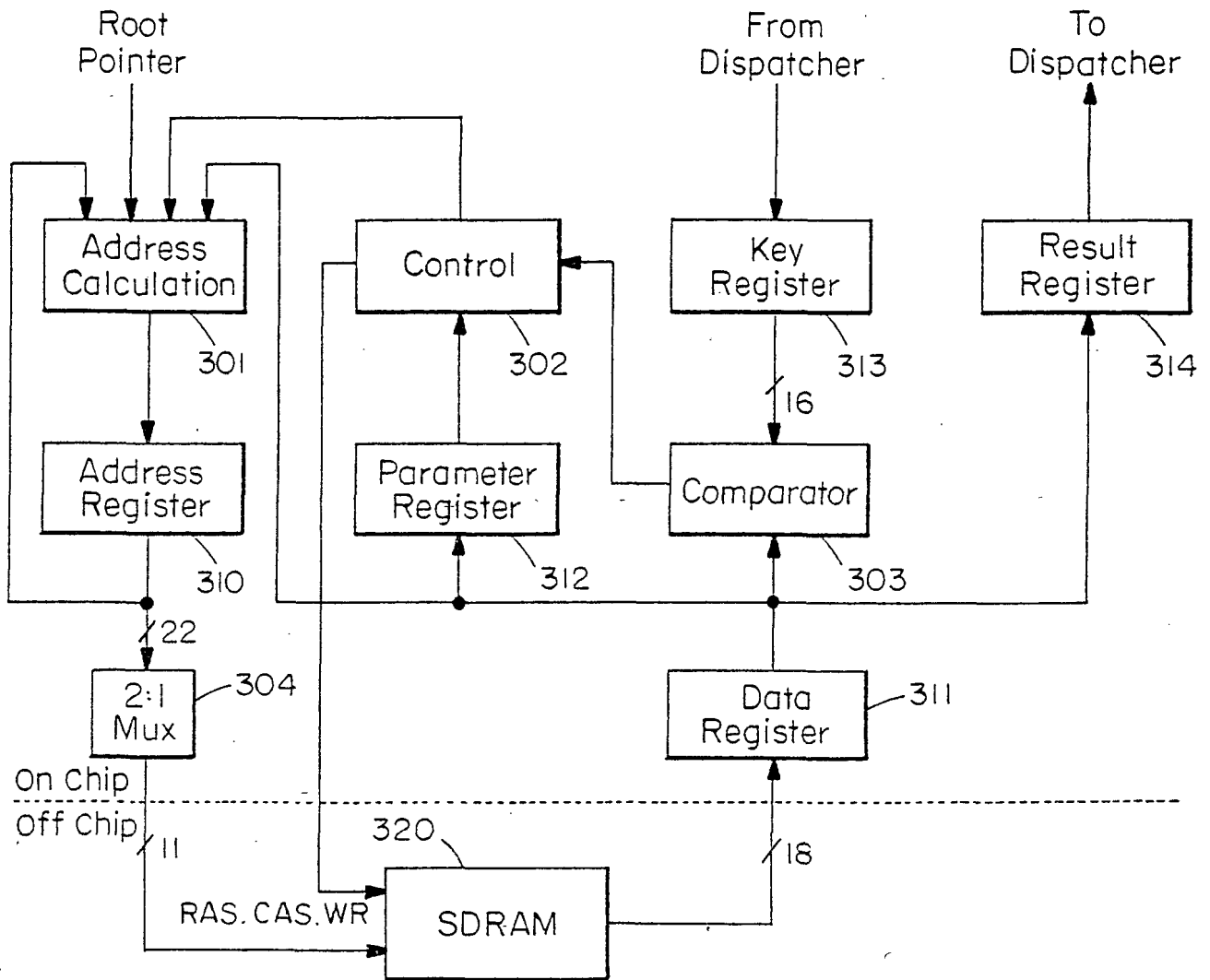


FIG. 15